

0417 and 0983
INFORMATION AND COMMUNICATION TECHNOLOGY
TOPIC MARKS SCHEME PAPER-1 SET- 4
SMART EXAM RESOURCES
Unit 1.4 Types of Computer

MARKS SCHEME 1

	TRUE (✓)	FALSE (✓)
Most modern laptop computers have webcams built in	✓	
Desktop computers are not very portable	✓	
All desktop computers have a touchpad built in		✓
Laptop computers are rarely supplied with a mouse.	✓	

4 correct answers – 2 marks
2 or 3 correct answers – 1 mark
1 correct – 0 marks

[2]

MARKS SCHEME 2

Four from:

Stores IP addresses

IP address is a unique identifier set up by network manager/ISP

Can change but should match the network it's on

IP address consists of 4 numbers separated by full stops

Stores MAC addresses

6 pairs of hexadecimal digits

MAC address is usually hard coded by manufacturer, never changes

[4]

Unit 1.4 Types of Computer

MARKS SCHEME 3

Tick whether the following statements are true or false.

	true (✓)	false (✓)
Tablet computers have touch screens.	✓	
Smartphones will only connect to the internet through Wi-Fi.		✓
A tablet computer has a separate keyboard.		✓
Smartphones use a touchpad.		✓

4 correct answers – 2 marks
2 or 3 correct answers – 1 mark
0 or 1 correct answer – 0 marks

[2]

MARKS SCHEME 4

Seven from:

Mainframes/PCs/laptops needed for applications which require high speed processing
Mainframes/ PCs/laptops needed for applications which require greater internal memory capacity
Mainframes/ PCs/laptops needed for applications which require greater backing storage capacity
Mainframes/ PCs/laptops/tablet computers needed for applications which require bigger displays
Mainframes/ PCs/laptops needed for applications which require more manageable keyboards
Mainframes/ PCs/laptops needed for applications which require easy navigation from screen to screen
Mainframes/ PCs/laptops have access to wider range of application software
Still need mainframes to carry out complex mathematical functions
Mainframes/ PCs/laptops are easier to monitor use

[7]

Unit 1.4 Types of Computer

MARKS SCHEME 5

Use	Mainframe ✓	Laptop ✓	Desktop ✓	
Entering data from a Biology survey while out of school		✓		[1]
Massive transactions which need the use of many CPUs	✓			[1]
Students who need to transport their computer from home to use in school		✓		[1]
Personal use with better performance at lower cost			✓	[1]